

Amendment dated January 16, 2007

Reply to Office Action of November 6, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A flexible cable, comprising:

a flexible cable main body having one end configured to connect to a first part and the other end configured to connect to a second part on a side opposite to the first part and configured to transmit signals between the first and second parts, wherein at least one of the first and second parts is movable; and

a folded portion formed by folding a portion of the cable main body so that two opposing faces are in contact with each other, two strips of said cable extending from the folded portion in the same direction initially, wherein movement of said at least one movable part of the first and second part is configured to occur between a first position and a second position whereby corresponding movement of said flexible cable main body is configured to occur only to one side of the folded portion in the first position connected to the at least one movable part.

2. (Original) The flexible cable as claimed in claim 1, further comprising a folded-state maintaining device configured to maintain a folded state of the folded portion.

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3. (Original) The flexible cable as claimed in claim 2, wherein the folded-state maintaining device comprises an adhesive member configured to bond both faces of the folded portion to each other.

4. (Original) The flexible cable as claimed in claim 2, wherein the folded-state maintaining device comprises a reinforcement folded-plate attached to at least one side of both sides of the folded portion.

5. (Original) The flexible cable as claimed in claim 2, wherein the folded-state maintaining comprises a folding clip with an insertion slot into which the folded portion is inserted.

6. (Original) The flexible cable as claimed in claim 2, wherein the folded-state maintaining device comprises a tape configured to wrap both sides of the folded portion.

7. (Original) The flexible cable as claimed in claim 1, wherein the cable main body is divided into a straight portion and a curved portion with respect to the folded portion and the curved portion is relatively longer than the straight portion.

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8. (Currently Amended) A disk drive comprising the flexible cable of claim 1, wherein the end of the folded portion and the said of the flexible cable main body are not connected to the at least one movable part is vertically aligned with the other part of the first and second part.

9. (Currently Amended) A flexible cable, comprising:
a first end configured to be connected to a first part and a second end configured to be connected to a second part, so as to transmit signals between the first and second parts, at least one of the first and second parts being movable; and
a folded portion formed by folding a portion of the flexible cable between the first and second ends, wherein two strips of said cable extend from the folded portion in the same direction initially and the folded portion does not deviate from vertical alignment with the first part, and wherein said first and second ends are end is vertically aligned with said second part.

10. (Currently Amended) A disk drive comprising the flexible cable of claim 9, wherein movement of said at least one movable part of the first and second parts is configured to reciprocally occur along a prescribed range between a first position and a second position whereby corresponding movement of a main body of said flexible cable main body is configured

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to occur only to one side of the folded portion ~~in the first position connected to the at least one movable part.~~

11. (Currently Amended) A flexible cable, comprising:

a first end configured to be connected to a first part and a second end configured to be connected to a second part so as to transmit signals between the first and second parts, at least one of the first and second parts being movable; and

a folded portion formed by folding a portion of the flexible cable between the first and second ends, two strips of cable extending from the folded portion in the same direction initially, at least one a first said strip extending into a straight portion having the first end of the flexible cable and a second said strip extending into a curved portion having the second end of the flexible cable being formed by the folding a portionportion of the flexible cable, wherein a vertex of the curved portion does not deviate from vertical alignment with the firstsecond end prior to movement of the ,the curved portion and the secondfirst end.

12. (Currently Amended) A disk drive comprising the flexible cable of claim 11, wherein the flexible cable is configured to be directly connected to an optical pickup of ~~said disk~~ a disk drive.

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13. (Previously Presented) A disk drive, comprising:
 - a main base;
 - a pickup base installed on the main base and provided with parts for recording and reproducing signals on and from a disk, including an optical pickup linearly movable within a predetermined region;
 - a board fixedly installed on a side of the main base and configured to control driving of the parts including the optical pickup; and
 - a flexible cable having a folded portion formed by folding a portion of a flexible cable main body, wherein two strips of cable extend from the folded portion in the same direction and are connected, respectively, directly to the optical pickup and to the board so as to transmit signals therebetween.
14. (Previously Presented) The disk drive as claimed in claim 13, further comprising:
 - a tray configured to move inside and outside the main base so as to move the disk between a loading position and an unloading position.
15. (Previously Presented) The disk drive as claimed in claim 13, wherein the cable main body is divided into a straight portion and a curved portion with respect to the folded portion.

16. (Currently Amended) The disk drive claimed in claim 15, wherein the folded portion is formed near one of the optical pickup and the board, ~~and wherein the folded portion is formed near one of the optical pickup and the board.~~

17. Canceled

18. (Original) The disk drive as claimed in claim 13, further comprising a folded-state maintaining device configured to maintain a folded state of the cable main body.

19. (Currently Amended) The disk drive~~flexible cable~~ as claimed in claim 18, wherein the folded-state maintaining device comprises an adhesive member configured to bond both faces of the folded portion to each other.

20. (Currently Amended) The disk drive~~flexible cable~~ as claimed in claim 18, wherein the folded-state maintaining device comprises a reinforcement folded-plate attached to at least one side of both sides of the folded portion.

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21. (Currently Amended) The disk drive flexible cable as claimed in claim 18, wherein the folded-state maintaining comprises a folding clip with an insertion slot into which the folded portion is inserted.

22. (Currently Amended) The disk drive flexible cable as claimed in claim 18, wherein the folded-state maintaining device comprises a tape configured to wrap both sides of the folded portion.

23. (Previously Presented) The disk drive of claim 13, wherein movement of the optical pickup is configured to be between an inner end and an outer end of said predetermined region, wherein corresponding movement of said flexible cable main body is configured to occur only to one side of a position of the folded portion when said optical pickup is at said outer end.

24. (Previously Presented) The disk drive of claim 23, wherein said folded portion and said two strips of cable are vertically aligned.

25. (Previously Presented) The disk drive of claim 24, wherein said folded portion and said two strips of cable are vertically aligned throughout their respective entire lengths.